

(19)



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(11) Publication number:

0 466 280 A3

(12)

EUROPEAN PATENT APPLICATION(21) Application number: **91202412.2**(51) Int. Cl.⁵: **A61B 17/58**(22) Date of filing: **18.06.87**(30) Priority: **23.06.86 US 877626**(43) Date of publication of application:
15.01.92 Bulletin 92/03(60) Publication number of the earlier application in
accordance with Art.76 EPC: **0 251 583**(84) Designated Contracting States:
AT BE CH DE ES FR GB GR IT LI LU NL SE(88) Date of deferred publication of the search report:
22.01.92 Bulletin 92/04(71) Applicant: **Pfizer Hospital Products Group,
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PFIZER LIMITED, Ramsgate Road
Sandwich, Kent CT13 9NJ(GB)**(54) **Modular femoral fixation system.**

(57) An instrument (27) for use in inserting a surgical implant into a cavity in a patient's bone characterized in that said instrument (27) comprises:

an elongated rod (21) having a first end and a second end, said rod (21) having an externally threaded portion (23) adjacent said first end and an externally smooth portion (29) extending from said externally threaded portion (23) towards said second end, and said rod (21) being axially cannulated over at least a portion of its length so as to be capable of fitting over a surgical guide wire;

a hollow sleeve (31) receiving said elongated rod (21), said sleeve (31) being capable of sliding movement upon said externally smooth portion (29) of the rod (21); and

means (35) for advancing the hollow sleeve (31) along the externally smooth portion (29) of the rod (21) towards said externally threaded portion (23),

said advancing means (35) positively preventing movement of the sleeve (31) along the rod (21) in a direction away from said externally threaded portion

(23) while it is engaged with the sleeve (31), whereby advancement of the sleeve (31) can be stopped without relaxing the force being placed upon it by said advancing means (35).

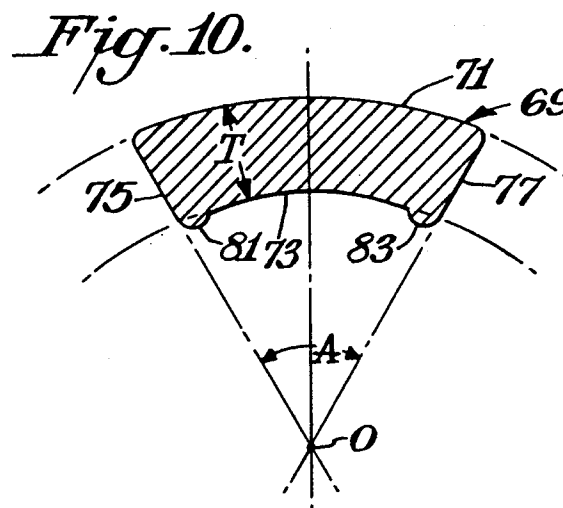
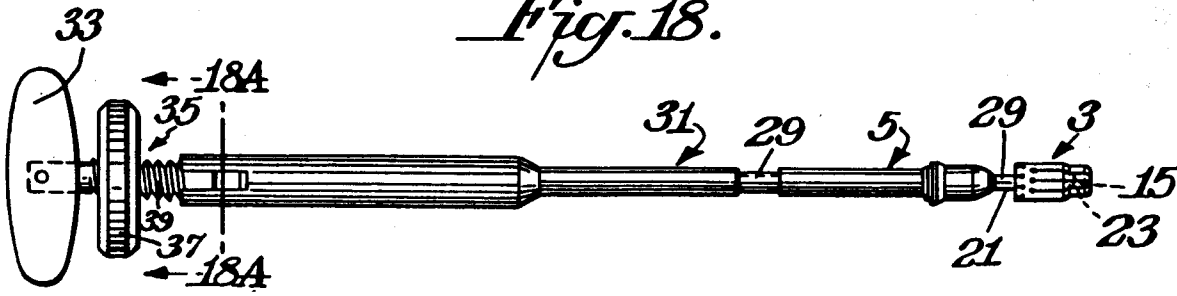


Fig. 18.





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EUROPEAN SEARCH REPORT

Application Number

EP 91 20 2412

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	EP-A-0 147 265 (MEDICALEX) * page 1, lines 28-31; page 2, lines 9-18; page 3, lines 20-34; claims 1,2,5; figures 1-5 * ---	1,2,4,6 ,7	A 61 B 17/58
A	US-A-3 892 232 (NEUFELD) * column 2, lines 10-36; column 3, lines 14-21; figures 7-10 * ---	1	
A	US-A-2 486 303 (LONGFELLOW) * column 1, line 45 - column 2, line 15; claim 1; figures 1-5 * ---	2,4,6	
A	FR-A-2 387 636 (INSTITUT STRAUMANN) * page 9, line 31 - page 10, line 30; page 17, lines 1-32; figures 1-3 * ---	2-4	
A	US-A-3 695 259 (YOST) * column 1, line 47 - column 2, line 14; figures 1-3 * -----	2,4,5	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			A 61 B
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 30-10-1991	Examiner MONNE E.M.B.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			